alkenyl groups are directly bonded to silicon atoms; and an organic cyclic silicon compound (D-2) having at least three Si-H bonds per molecule and a molecular weight of less than 1,200.

2. (Amended) The adhesive composition of claim 1, wherein the number of hydrogen atoms contained in the component (B) and the component (D-2) when present is 0.4 to 6.0 times the total number of alkenyl groups contained in the component (A) and alkenyl groups contained in the component (D-1) when present, the component (C) is contained in an amount of 10 to 1,000 ppm based on the total weight of the components (A), (B) and (D), and the component (D) is contained in an amount of 0.1 to 40 wt% based on the total weight of the components (A) and (B).

4. (Twice Amended) The adhesive composition of claim 1, wherein the component (D-1) when present is selected from the group consisting of
pentavinylpentamethylcyclopentasiloxane,
1,3,5,7-tetravinyl-1,3,5,7-tetramethylcyclotetrasilazane,
1,3,5,7-tetravinyl-1,3,5,7-tetramethylcyclotetrasiloxane,
1,3,5-trivinyl-1,3,5-trimethylcyclotrisilazane and
1,3,5-trivinyl-1,3,5-trimethylcyclotrisiloxane.

5. (Twice Amended) The adhesive composition of claim 1, wherein the component (D-2) when present is selected from the group consisting of
hydro-T8-silsesquioxane,
octakis(dimethylsiloxy)-T8-silsesquioxane,
methylhydrocyclosiloxane, pentamethylcyclopentasiloxane,
phenylhydrocyclosiloxane,
1,3,5,7-tetramethylcyclotetrasiloxane,
1,3,5,7-tetraethylcyclotetrasiloxane and
1,3,5,7-tetraethyl-2,4,6,8-tetramethylcyclotetrasilazane.

6. (Twice Amended) The adhesive composition of claim 1, wherein the component (D-1) when present is 1,3,5-trivinyl-1,3,5-trimethylcyclotrisiloxane or 1,3,5,7-tetravinyl-1,3,5,7-tetramethylcyclotetrasiloxane and the component (D-2) when present is 1,3,5,7-tetraethylcyclotetrasiloxane or 1,3,5,7-tetramethylcyclotetrasiloxane.

8. (Amended) An optical device, comprising two or more optical parts bonded with the adhesive composition of claim 1.

11. (Amended) An optical device constructed by bonding at least two optically transparent optical parts with an optically transparent adhesive layer formed by curing the adhesive composition of claim 1, wherein the value of refractive index of the adhesive layer is adjusted to approximate the values of refractive index of the at least two optically transparent optical parts.

12. (Amended) The optical device of claim 11, wherein when the refractive indices of the two adjacent optical parts are represented by n_1 and n_2 ($n_1 \geq n_2$), the adhesive layer between the adjacent optical parts has a refractive index n_3 represented by the following expression:

$$\sqrt{(n_1 \cdot n_2)} - ((\sqrt{(n_1 \cdot n_2)} - n_2)/3) - 0.05 \leq n_3 \leq \sqrt{(n_1 \cdot n_2)} + ((n_1 - \sqrt{(n_1 \cdot n_2)})/3) + 0.05.$$

13. (Amended) The optical device of claim 11, wherein when the refractive indices of the two adjacent optical parts are represented by n_1 and n_2 ($n_1 \geq n_2$), the adhesive layer between the adjacent optical parts has a refractive index n_3 represented by the following expression:

$$\sqrt{(n_1 \cdot n_2)} - ((\sqrt{(n_1 \cdot n_2)} - n_2)/4) - 0.03 \leq n_3 \leq \sqrt{(n_1 \cdot n_2)} + ((n_1 - \sqrt{(n_1 \cdot n_2)})/4) + 0.03,$$